

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Naoharu YANAGAWA	11/15/2007
Akira SHIROTA	11/15/2007
RECEIVING PARTY DATA	
Name:	Pioneer Corporation
Street Address:	4-1, Meguro 1-chome
Internal Address:	Meguro-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	153-8654
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11918345
CORRESPONDENCE DATA	
Fax Number:	(703)685-0573
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7035212297
Email:	Embon@young-thompson.com
Correspondent Name:	YOUNG & THOMPSON
Address Line 1:	745 SOUTH 23RD STREET
Address Line 2:	2ND FLOOR
Address Line 4:	ARLINGTON, VIRGINIA 22202
ATTORNEY DOCKET NUMBER:	8048-1264
NAME OF SUBMITTER:	Andrew J. Patch
Total Attachments: 1 source=Assignment#page1.tif	

OP \$40.00 11918345

PATENT

500423316

REEL: 020266 FRAME: 0147

ASSIGNMENT

Naoharu YANAGAWA and Akira SHIROTA of Saitama, Japan
WHEREAS,

ha RECORDING APPARATUS AND
RECORDING METHOD, AND COMPUTER PROGRAM

for which (I/we have made or am/are about to make) application for Letters

Patent of the United States of America;

AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome,
Meguro-ku, Tokyo 153-8654 Japan

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

Dollars (\$)
to in hand paid, the receipt of which is hereby acknowledged
have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

* right, title, and interest in and to the said invention,
as fully set forth and described in the:

Delete
Inapplicable
wording

(a) specification prepared and executed by on the 15th day of November, 2007
(b) application filed on the day of 19, Serial No.

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and enjoyed by the said
for own use and behoof, and for legal representatives, to the full end of the term
for which said Letters Patent are granted, as fully and entirely as the same would have been held by
had this assignment and sale not been made.

IN TESTIMONY WHEREOF, hereunto set hand and affix seal at
this 15th day of November, A.D. 2007.

Naoharu Yanagawa

(Inventor's full Signature) Naoharu YANAGAWA

Akira Shirota

(Inventor's full Signature) Akira SHIROTA

* State whether the full and exclusive right, or what part of the whole interest is assigned.